INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We make Indiana a cleaner, healthier place to live.

Joseph E. Kernan
Governor

Lori F. Kaplan
Commissioner

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.in.gov/idem

October 10, 2003

TO: Interested Parties / Applicant

RE: Rexam Beverage Can Company / SPM 127-15629-00030

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision: Approval – Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-17-3-4 and 326 IAC 2, this permit modification is effective immediately, unless a petition for stay of effectiveness is filed and granted, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3-7 and IC 13-15-7-3 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

(1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
(2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
(3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

(1) the name and address of the person making the request;
(2) the interest of the person making the request;
(3) identification of any persons represented by the person making the request;
(4) the reasons, with particularity, for the request;
(5) the issues, with particularity, proposed for considerations at any hearing; and
(6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

Pursuant to 326 IAC 2-7-18(d), any person may petition the U.S. EPA to object to the issuance of a Title V operating permit or modification within sixty (60) days of the end of the forty-five (45) day EPA review period. Such an objection must be based only on issues that were raised with reasonable specificity during the public comment period, unless the petitioner demonstrates that it was impractible to raise such issues, or if the grounds for such objection arose after the comment period.

To petition the U.S. EPA to object to the issuance of a Title V operating permit, contact:

U.S. Environmental Protection Agency
401 M Street
Washington, D.C. 20406

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNTV-PMOD.doc 9/16/03

October 10, 2003

Mr. Geoffrey Wortley
Rexam Beverage Can Company
8770 W. Bryn Mawr Avenue
Chicago, Illinois 60631-3542

Re: 127-15629
1st Significant Permit Modification to
Part 70 No.: T 127-7651-00030

Dear Mr. Wortley:

Rexam Beverage Can Company was issued a permit on January 12, 1999 for a stationary beverage can end manufacturing source. A letter requesting changes to this permit was received on February 15, 2002. Pursuant to the provisions of 326 IAC 2-7-12(d), a Significant Permit Modification to this permit is hereby approved as described in the attached Technical Support Document.

The changes consist of incorporating the applicable requirements for the production increase from the following five (5) can end manufacturing lines permitted under the Minor Source Modification 127-15603:

(1) One (1) existing can end manufacturing line, identified as Module #1, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a permitted maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. This capacity will be increased to 470,000 ends per hour.

(2) One (1) existing can end manufacturing line, identified as Module #2, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a permitted maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. This capacity will be increased to 470,000 ends per hour.

(3) One (1) existing can end manufacturing line, identified as Module #3, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a permitted maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. This capacity will be increased to 470,000 ends per hour.

(4) One (1) existing can end manufacturing line, identified as Module #4, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a permitted maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. This capacity will be increased to 470,000 ends per hour.

(5) One (1) existing can end manufacturing line, identified as Module #5, consisting of one (1) three lane conversion press, one (1) compound liner, tab lube application, and one (1) six out shell press, with a permitted maximum capacity of 120,000 ends per hour with no controls, and exhausting to the atmosphere. This capacity will be increased to 150,000 ends per hour.

The following are the changes to the Part 70 Permit 127-7651-00030, due to the aluminum can end production increase (changes are bolded and deletions are struck-through for emphasis):

(1) Section A.2 will be modified to incorporate the increase as follows:

A
Section A.2 will be modified to incorporate the increase as follows:

A.2 Emission Units and pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(5)]

This stationary source consists of the following emission units and pollution control devices:

(1) One (1) **existing** can end manufacturing line, identified as Module #1, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners**, tab lube application,** and three (3) conversion presses, with a **permitted** maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. **This capacity will be increased to 470.000 ends per hour**.

(2) One (1) **existing** can end manufacturing line, identified as Module #2, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners**, tab lube application,** and three (3) conversion presses, with a **permitted** maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. **This capacity will be increased to 470,000 ends per hour**.

(3) One (1) **existing** can end manufacturing line, identified as Module #3, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners**, tab lube application,** and three (3) conversion presses, with a **permitted** maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. **This capacity will be increased to 470,000 ends per hour**.

(4) One (1) **existing** can end manufacturing line, identified as Module #4, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners**, tab lube application,** and three (3) conversion presses, with a **permitted** maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. **This capacity will be increased to 470,000 ends per hour**.

(5) One (1) **existing** can end manufacturing line, identified as Module #5, consisting of one (1) three lane conversion press, one (1) compound liner**, tab lube application,** and one (1) six out shell press, with a **permitted** maximum capacity of 120,000 ends per hour with no controls, and exhausting to the atmosphere. **This capacity will be increased to 150,000 ends per hour**.

The end sealing compound operation from all five (5) modules is applied by a precise bead of compound sealant in the curl of the can end.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

(1) One (1) **existing** can end manufacturing line, identified as Module #1, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners**, tab lube application,** and three (3) conversion presses, with a **permitted** maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. **This capacity will be increased to 470,000 ends per hour**.

(2) One (1) **existing** can end manufacturing line, identified as Module #2, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners**, tab lube application,** and three (3) conversion presses, with a **permitted** maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. **This capacity will be increased to 470,000 ends per hour**.

(3) One (1) **existing** can end manufacturing line, identified as Module #3, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners**, tab lube application,** and three (3) conversion presses, with a **permitted** maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. **This capacity will be increased to 470,000 ends per hour**.

(4) One (1) **existing** can end manufacturing line, identified as Module #4, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners**, tab lube application,** and three (3) conversion presses, with a **permitted** maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. **This capacity will be increased to 470,000 ends per hour**.

The end sealing compound operation from all modules is applied by a precise bead of compound sealant in the curl of the can end.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-3]

Pursuant to 326 IAC 8-2-3(b) (Can **End** Coating Operations), the emissions from the beverage can **end** coating operations, shall not discharge volatile organic compounds in excess of the following:

Coating	326 IAC 8-2-3(b)(4) Limit (lb VOC/gal), less water
End Seal Coat	3.7

D.1.2 Volatile Organic Compounds (VOC) Limitations [326 IAC 2-3]

~~Pursuant to 326 IAC 2-3 (326 IAC 2-3 Emission Offset, CP 127-4956-00030, and Source Modification 127-11554-00030), t~~ **T**he total amount of VOC usage from **Module #1, Module #2,**

Module #3 and Module #4 ~~the four (4)~~ can end manufacturing lines shall be limited to 5.25 tons per month. This limited usage is equivalent to 63.0 tons of VOC per year. **Compliance with this condition and condition D.2.2 shall make 326 IAC 2-3, Emission Offset rule requirements not applicable**.

~~D.1.3 Particulate Matter (PM) [326 IAC 6-3-2(c)]~~

~~Pursuant to 326 IAC 6-3-2, the particulate matter (PM) overspray from the end seal coating facilities shall be limited by the following:~~

~~Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:~~

~~$E = 4.10 P^{0.67}$ where E = rate of emission in pounds per hour and P = process weight rate in tons per hour~~

D.1.3 General Reduction Requirements for Volatile Organic Compound [326 IAC 8-1-6]

Pursuant to 326 IAC 8-1-6, Best Available Control Technology (BACT), the Permittee shall not allow the discharge into the atmosphere of any volatile organic compound (VOC) in excess of 5.6 lbs VOC/gal of coating, excluding water delivered to the Tab Lube applicator.

D.1.4 Particulate Matter (PM) [326 IAC 6-3-2(c)]

Pursuant to CP 127-4956-00030 issued on January 22, 1996, the can end sealing compound operation shall be considered in compliance with 326 IAC 6-3-2 provided the following conditions are met during the process operations:

(a) The particulate matter (PM) emissions are not visibly detectable at the exhaust;
(b) The PM emissions are not detectable on the rooftops; or
(c) The PM emissions are not detectable on the ground.

D.1.~~4~~ **5** Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for ~~this facility~~ **these can end manufacturing lines** ~~and any control devices~~.

Compliance Determination Requirements

D.1.~~5~~ **6** Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the VOC limit specified in Conditions C.1 and D.1.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

D.1.~~6~~ **7** Volatile Organic Compounds (VOC)

Compliance with the VOC content and usage limitations contained in Conditions D.1.1, ~~and~~ D.1.2, **and D.1.3** shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

D.1. ~~7~~**8** VOC Emissions

Compliance with Condition D.1.2 shall be demonstrated at the end of each month based on the total volatile organic compound usage in Modules #1, #2, #3, and #4 for the most recent **previous** month.

~~**Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]**~~

~~D.1.8 Particulate Matter (PM)~~

~~Pursuant to CP 127-4956-00030, issued on January 22, 1996, the overspray from the end seal coating facilities shall be considered in compliance provided that the overspray is not:~~

~~(a) visibly detectable at the exhaust;~~

~~(b) detectable on the rooftops; or~~

~~(c) detectable on the ground.~~

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.9 Record Keeping Requirements

(a) To document compliance with Conditions D.1.1, ~~and~~ D.1.2, **and D.1.3,** the Permittee shall maintain records in accordance with (1) through ~~(6~~**4**) below. Records maintained for (1) through (~~6~~**4**) shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Conditions D.1.1, ~~and~~ D.1.2 **and D.1.3**.

(1) The amount and VOC content of each coating material and ~~solvent~~ **tab lube** used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;

(2) The cleanup solvent usage for each month;

(3) The total VOC usage for each month;

(4) The weight of VOCs emitted for each compliance period;

~~(5) A log of the dates of use;~~

~~(6) The volume weighted VOC and HAP content of the coatings used for each day.~~

(b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.10 no change

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

(5) One (1) **existing** can end manufacturing line, identified as Module #5, consisting of one (1) three lane conversion press, one (1) compound liner**, tab lube application,** and one (1) six out shell press, with a **permitted** maximum capacity of 120,000 ends per hour with no controls, and exhausting to the atmosphere. **This capacity will be increased to 150,000 ends per hour**.

The end sealing compound operation from this module is applied by a precise bead of compound sealant in the curl of the can end.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.2.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-3]

Pursuant to 326 IAC 8-2-3(b) (Can **End** Coating Operations), the emissions from the ~~beverage can coating operation~~ **Module #5** can end **coating** line shall not discharge volatile organic compounds in excess of the following:

Coating	326 IAC 8-2-3(b)(4) Limit (lb VOC/gal), less water
End Seal Coat	3.7

D.2.2 Volatile Organic Compounds (VOC) Limitations [326 IAC 2-3]

~~Pursuant to 326 IAC 2-3, t~~ **T**he total amount of VOC usage from the Module #5 can end manufacturing line shall be limited to ~~783.3~~ **767** pounds per month. This limited usage is equivalent to ~~4.7~~ **4.6** tons of VOC emissions per year. Compliance with this condition and condition D.1.2 shall make 326 IAC 2-3, Emission Offset rule requirements not applicable

D.2.3 General Reduction Requirements for Volatile Organic Compound [326 IAC 8-1-6]

Pursuant to 326 IAC 8-1-6, Best Available Control Technology (BACT), the Permittee shall not allow the discharge into the atmosphere of any volatile organic compound (VOC) in excess of 5.6 lbs VOC/gal of coating, excluding water delivered to the Tab Lube applicator.

D.2.4 Particulate Matter (PM) [326 IAC 6-3-2(c)]

Pursuant to CP 127-4956-00030 issued on January 22, 1996, the can end sealing compound operation shall be considered in compliance with 326 IAC 6-3-2 provided the following conditions are met during the process operations:

(a) The particulate matter (PM) emissions are not visibly detectable at the exhaust;
(b) The PM emissions are not detectable on the rooftops; or
(c) The PM emissions are not detectable on the ground.

D.2.~~4~~**5** Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility ~~and any control devices~~.

Compliance Determination Requirements

D.2.6 No change

D.2.7 Volatile Organic Compounds (VOC)

Compliance with the VOC content and usage limitations contained in Conditions D.2.1, ~~and~~ D.2.2, **and D.2.3** shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

~~**Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]**~~

~~D.2.8 Particulate Matter (PM)~~

~~Pursuant to CP 127-4956-00030, issued on January 22, 1996, the overspray from the end seal coating facilities shall be considered in compliance provided that the overspray is not:~~

~~(a) visibly detectable at the exhaust;~~

~~(b) detectable on the rooftops; or~~

~~(c) detectable on the ground~~

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.2.9 Record Keeping Requirements

(a) To document compliance with Conditions D.2.1, D.2.2, **and D.2.3** the Permittee shall maintain records in accordance with (1) through (~~6~~**4**) below. Records maintained for (1) through (~~6~~**4**) shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Conditions D.2.1, D.2.2, **and D.2.3**:

(1) The amount and VOC content of each coating material and **tab lube** used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;

(2) The cleanup solvent usage for each month;

(3) The total VOC usage for each month;

(4) The weight of VOCs emitted for each compliance period;

~~(5) A log of the dates of use;~~

~~(6) The volume weighted VOC and HAP content of the coatings used for each day.~~

(b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.2.10 No change

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: ~~American National~~ **Rexam Beverage** Can Company
Source Address: 4001 Montdale Park Drive, Valparaiso, IN 46383
Mailing Address: 8770 West Bryn Mawr Avenue, Chicago, IL 60631-3504
Part 70 Permit No.: T127-7651-00030
Facility: ~~Source~~ **Module # 1, 2, 3 and 4**
Parameter: VOC
Limit: 5.25 tons/month

YEAR: _____ Quarter _____

Month	Module 1	Module 2	Module 3	Module 4	Mod 1+ Mod 2+ Mod 3+ Mod 4
	Input VOC	Input VOC	Input VOC	Input VOC	Total
Month 1					
Month 2					
Month 3					

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: ~~American National~~ **Rexam Beverage** Can Company
Source Address: 4001 Montdale Park Drive, Valparaiso, IN 46383
Mailing Address: 8770 West Bryn Mawr Avenue, Chicago, IL 60631-3504
Part 70 Permit No.: T127-7651-00030
Facility: Module #5
Parameter: VOC
Limit: ~~783.3~~ **767.0** pounds/month

YEAR: _____Quarter _____

Month	Module #5 Input VOC
Month 1	
Month 2	
Month 3	

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this modification and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Aida De Guzman, OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, or call at (800) 451-6027, and ask for extension (3-4972), or dial (317) 233-4972.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments
APD
cc: File - Porter County
Porter County Health Department
Northwest Regional Office
Air Compliance Section Inspector - Rick Massoels
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner

PART 70 OPERATING PERMIT
OFFICE OF AIR QUALITY

Rexam Beverage Can Company
4001 Montdale Park Drive
Valparaiso, Indiana 46383

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 and 326 IAC 2-1-3.2 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T127-7651-00030	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date: January 12, 1999

1st Administrative Amendment 127-12753, issued on December 15, 2000
1st Minor Permit Modification 127-11743, issued on March 20, 2000

1st Significant Permit Modification 127-15629	Pages Affected: 4, 5, 27, 28, 29, 29a, 29b, 29c, 33, 33a
Issued by: Original signed by Paul Dubenetzky Paul Dubenetzky, Chief Permit Branch Office of Air Quality	Issuance Date: October 10, 2003

SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates a stationary beverage can end manufacturing plant.

Responsible Official:	Geoffrey Wortley
Source Address:	4001 Montdale Park Drive, Valparaiso, IN 46383
Mailing Address:	8770 West Bryn Mawr Avenue, Chicago, IL 60631-3504
SIC Code:	3411
County Location:	Porter
County Status:	Nonattainment for volatile organic compounds Attainment for all other criteria pollutants
Source Status:	Part 70 Permit Program Major Source, under PSD and Emission Offset Rules; Minor Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

(1) One (1) existing can end manufacturing line, identified as Module #1, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a permitted maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. This capacity will be increased to 470,000 ends per hour.

(2) One (1) existing can end manufacturing line, identified as Module #2, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a permitted maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. This capacity will be increased to 470,000 ends per hour.

(3) One (1) existing can end manufacturing line, identified as Module #3, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a permitted maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. This capacity will be increased to 470,000 ends per hour.

(4) One (1) existing can end manufacturing line, identified as Module #4, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a permitted maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. This capacity will be increased to 470,000

ends per hour.

(5) One (1) existing can end manufacturing line, identified as Module #5, consisting of one (1) three lane conversion press, one (1) compound liner, tab lube application, and one (1) six out shell press, with a permitted maximum capacity of 120,000 ends per hour with no controls, and exhausting to the atmosphere. This capacity will be increased to 150,000 ends per hour.

The end sealing compound operation from all five (5) modules is applied by a precise bead of compound sealant in the curl of the can end.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

(1) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour.
(a) One (1) air make-up unit rated at 1,878,000 Btu per hour.

(2) Propane or liquified petroleum gas, or butane-fired combustion sources with heat input equal to or less than six (6) million Btu per hour.

(3) Equipment powered by internal combustion engines of capacity equal to or less than 500,000 Btu per hour, except where total capacity of equipment operated by one stationary source exceeds 2,000,000 Btu per hour.

(4) Vessels storing lubricating oils, hydraulic oils, machining oils and machining fluids.

(5) Filling drums, pails or other packaging containers with lubricating oils, waxes and greases.

(6) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment and welding equipment.

(7) Paved and unpaved roads and parking lots with public access.

(8) Particulate emissions from recycled trim material recovery.

(9) Storage tanks containing tab lube.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

(a) it is a major source, as defined in 326 IAC 2-7-1(22); and

(b) it is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

(1) One (1) existing can end manufacturing line, identified as Module #1, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a permitted maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. This capacity will be increased to 470,000 ends per hour.

(2) One (1) existing can end manufacturing line, identified as Module #2, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a permitted maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. This capacity will be increased to 470,000 ends per hour.

(3) One (1) existing can end manufacturing line, identified as Module #3, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a permitted maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. This capacity will be increased to 470,000 ends per hour.

(4) One (1) existing can end manufacturing line, identified as Module #4, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a permitted maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. This capacity will be increased to 470,000 ends per hour.

The end sealing compound operation from all modules is applied by a precise bead of compound sealant in the curl of the can end.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-3]

Pursuant to 326 IAC 8-2-3(b) (Can End Coating Operations), the emissions from the beverage can end coating operations, shall not discharge volatile organic compounds in excess of the following:

Coating	326 IAC 8-2-3(b)(4) Limit (lb VOC/gal), less water
End Seal Coat	3.7

D.1.2 Volatile Organic Compounds (VOC) Limitations [326 IAC 2-3]

The total amount of VOC usage from Module #1, Module #2, Module #3 and Module #4 can ends manufacturing lines, shall be limited to 5.25 tons per month. This limited usage is equivalent to 63.0 tons of VOC per year. Compliance with this condition and condition D.2.2 shall make 326 IAC 2-3, Emission Offset rule requirements not applicable.

D.1.3 General Reduction Requirements for Volatile Organic Compound [326 IAC 8-1-6]

Pursuant to 326 IAC 8-1-6, Best Available Control Technology (BACT), the Permittee shall not allow the discharge into the atmosphere of any volatile organic compound (VOC) in excess of 5.6 lbs VOC/gal of coating, excluding water delivered to the Tab Lube applicator.

D.1.4 Particulate Matter (PM) [326 IAC 6-3-2(c)]

Pursuant to CP 127-4956-00030 issued on January 22, 1996, the can end sealing compound operation shall be considered in compliance with 326 IAC 6-3-2 provided the following conditions are met during the process operations:

(a) The particulate matter (PM) emissions are not visibly detectable at the exhaust;
(b) The PM emissions are not detectable on the rooftops; or
(c) The PM emissions are not detectable on the ground.

D.1.5 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for these can end manufacturing lines.

Compliance Determination Requirements

D.1.6 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the VOC limit specified in Conditions C.1 and D.1.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

D.1.7 Volatile Organic Compounds (VOC)

Compliance with the VOC content and usage limitations contained in Conditions D.1.1, D.1.2, and D.1.3 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

D.1.8 VOC Emissions

Compliance with Condition D.1.2 shall be demonstrated at the end of each month based on the total volatile organic compound usage in Modules #1, #2, #3, and #4 for the most recent previous month.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.9 Record Keeping Requirements

(a) To document compliance with Conditions D.1.1, D.1.2, and D.1.3, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Conditions D.1.1, D.1.2 and D.1.3.

(1) The amount and VOC content of each coating material and tab lube used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;

(2) The cleanup solvent usage for each month;

(3) The total VOC usage for each month;

(4) The weight of VOCs emitted for each compliance period;

(b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.10 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.1.1 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

(5) One (1) existing can end manufacturing line, identified as Module #5, consisting of one (1) three lane conversion press, one (1) compound liner, tab lube application, and one (1) six out shell press, with a permitted maximum capacity of 120,000 ends per hour with no controls, and exhausting to the atmosphere. This capacity will be increased to 150,000 ends per hour.

The end sealing compound operation from this module is applied by a precise bead of compound sealant in the curl of the can end.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.2.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-3]

Pursuant to 326 IAC 8-2-3(b) (Can End Coating Operations), the emissions from the Module #5 can end manufacturing line, shall not discharge volatile organic compounds in excess of the following:

Coating	326 IAC 8-2-3(b)(4) Limit (lb VOC/gal), less water
End Seal Coat	3.7

D.2.2 Volatile Organic Compounds (VOC) Limitations [326 IAC 2-3]

The total amount of VOC usage from the Module #5 can end manufacturing line shall be limited to 767.0 pounds per month. This limited usage is equivalent to 4.6 tons of VOC emissions per year. Compliance with this condition and condition D.1.2 shall make 326 IAC 2-3, Emission Offset rule requirements not applicable.

D.2.3 General Reduction Requirements for Volatile Organic Compound [326 IAC 8-1-6]

Pursuant to 326 IAC 8-1-6, Best Available Control Technology (BACT), the Permittee shall not allow the discharge into the atmosphere of any volatile organic compound (VOC) in excess of 5.6 lbs VOC/gal of coating, excluding water delivered to the Tab Lube applicator.

D.2.4 Particulate Matter (PM) [326 IAC 6-3-2(c)]

Pursuant to CP 127-4956-00030 issued on January 22, 1996, the can end sealing compound operation shall be considered in compliance with 326 IAC 6-3-2 provided the following conditions are met during the process operations:

(a) The particulate matter (PM) emissions are not visibly detectable at the exhaust;
(b) The PM emissions are not detectable on the rooftops; or
(c) The PM emissions are not detectable on the ground.

D.2.5 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of

this permit, is required for this facility.

Compliance Determination Requirements

D.2.6 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the VOC limit specified in Conditions C.1 and D.2.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

D.2.7 Volatile Organic Compounds (VOC)

Compliance with the VOC content and usage limitations contained in Conditions D.2.1, D.2.2, and D.2.3 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

D.2.8 VOC Emissions

Compliance with Condition D.2.2 shall be demonstrated at the end of each month based on the total volatile organic compound usage in Module #5 for the most recent previous month.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.2.9 Record Keeping Requirements

(a) To document compliance with Conditions D.2.1, D.2.2, and D.2.3 the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Conditions D.2.1, D.2.2, and D.2.3:

(1) The amount and VOC content of each coating material and tab lube used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;

(2) The cleanup solvent usage for each month;

(3) The total VOC usage for each month;

(4) The weight of VOCs emitted for each compliance period;

(b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.2.10 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.2.2 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: Rexam Beverage Can Company
Source Address: 4001 Montdale Park Drive, Valparaiso, IN 46383
Mailing Address: 8770 West Bryn Mawr Avenue, Chicago, IL 60631-3504
Part 70 Permit No.: T127-7651-00030
Facility: Module 1, 2, 3 and 4
Parameter: VOC
Limit: 5.25 tons/month

YEAR: _____ Quarter: _____

Month	Module 1	Module 2	Module 3	Module 4	Mod 1+ Mod 2+ Mod 3+ Mod 4
	Input VOC	Input VOC	Input VOC	Input VOC	Total
Month 1					
Month 2					
Month 3					

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: Rexam Beverage Can Company
Source Address: 4001 Montdale Park Drive, Valparaiso, IN 46383
Mailing Address: 8770 West Bryn Mawr Avenue, Chicago, IL 60631-3504
Part 70 Permit No.: T127-7651-00030
Facility: Module #5
Parameter: VOC
Limit: 767.0 pounds/month

YEAR: _____ Quarter: _____

Month	Module #5 Input VOC
Month 1	
Month 2	
Month 3	

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Indiana Department of Environmental Management
Office of Air Quality

Addendum to the
Technical Support Document for a Part 70 Significant Source Modification and Significant Permit Modification

Source Name:	Rexam Beverage Can Company
Source Location:	4001 Montdale Park Drive, Valparaiso, Indiana
County:	Porter
SIC Code:	3411
Operation Permit No.:	T127-7651-00030
1st Significant Source Modification No.:	127-15603
1st Significant Permit Modification No.:	127-15629
Permit Reviewer:	Aida De Guzman

On August 20, 2003, the Office of Air Quality (OAQ) had a notice published in the Times, Munster, Indiana, stating that Rexam Beverage Can Company had applied for a Significant Source and Permit Modification to increase the aluminum can end production. The notice also stated that OAQ proposed to issue a permit for this operation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

EPA has made the following comments, which were submitted via e-mail on August 28, 2003 (additions are **bolded** and deletions are ~~struck-through~~ for emphasis).

Comment 1: The cover of the source modification is titled “Part 70 Operating Permit”, however it appears that this is a Significant Source Modification. Please explain.

Response 1: Permit 127-15603-00030 cover page has a typographical error, the title should read “Part 70 Significant Source Modification”. A change to the final permit will be made accordingly.

Comment 2: A comment was made in the TSD that the facility will be increasing production while their allowable emission rate remains constant. Could you please provide a brief explanation as to how this decrease in emissions per unit of production will be achieved?

Response 2: The source’s emission is mainly coming from the Tab Lube application. The source has been continually optimizing this process in order to reduce the VOC emissions per unit. The source is averaging at 0.0000076 pound per can end and their actual VOC usage is averaging 47 tons per year.

Indiana Department of Environmental Management
Office of Air Quality

Technical Support Document (TSD) for a Part 70 Significant Permit Modification

Source Background and Description

Source Name:	Rexam Beverage Can Company
Source Location:	4001 Montdale Park Drive, Valparaiso, Indiana 46383
County:	Porter
SIC Code:	3411
Operation Permit No.:	T127-7651-00030
Operation Permit Issuance Date:	January 12, 1999
1st Significant Permit Modification No.:	127-15629
Permit Reviewer:	Aida De Guzman

The Office of Air Quality (OAQ) has reviewed a modification application from Rexam Beverage Can Company to incorporate applicable requirements for the production increase from the following five (5) aluminum can end manufacturing lines permitted under the Significant Source Modification 127-15603:

(1) One (1) existing can end manufacturing line, identified as Module #1, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a permitted maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. This capacity will be increased to 470,000 ends per hour.

(2) One (1) existing can end manufacturing line, identified as Module #2, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a permitted maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. This capacity will be increased to 470,000 ends per hour.

(3) One (1) existing can end manufacturing line, identified as Module #3, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a permitted maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. This capacity will be increased to 470,000 ends per hour.

(4) One (1) existing can end manufacturing line, identified as Module #4, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners, tab lube application, and three (3) conversion presses, with a permitted maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. This capacity will be increased to 470,000 ends per hour.

(5) One (1) existing can end manufacturing line, identified as Module #5, consisting of one (1) three lane conversion press, one (1) compound liner, tab lube application, and one (1) six

out shell press, with a permitted maximum capacity of 120,000 ends per hour with no controls, and exhausting to the atmosphere. This capacity will be increased to 150,000 ends per hour.

The end sealing compound operation from all five (5) modules is applied by a precise bead of compound sealant in the curl of the can end.

Recommendation

The staff recommends to the Commissioner that the Part 70 Significant Permit Modification be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An application for the purposes of this review was received on February 26, 2002.

Emission Calculations

(a) Can End Manufacturing Line, Module #1 through Module #5: The emission calulation was determined in the Significant Source Modification 127-15603-00030. This permit modification will not result in any change in the emissions.

Justification for Modification

The Part 70 Operating permit is being modified through a Significant Permit Modification, pursuant to 326 IAC 2-7-12(d), since the modification does not qualify as an administrative amendment or a minor permit modification.

Compliance Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in Section D of the permit are those conditions that are found more or less directly within state and federal rules and the violation of which serves as grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

Changes to the Part 70 Permit

The following are the changes to the Part 70 Permit 127-7651-00030, due to the aluminum can end production increase (New language are **bolded** and deletions are ~~struck-through~~ for emphasis):

(a) Section A.2 will be modified to incorporate the increase as follows:

A.2 Emission Units and pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(5)]

This stationary source consists of the following emission units and pollution control devices:

(1) One (1) **existing** can end manufacturing line, identified as Module #1, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners**, tab lube application,** and three (3) conversion presses, with a **permitted** maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. **This capacity will be increased to 470.000 ends per hour**.

(2) One (1) **existing** can end manufacturing line, identified as Module #2, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners**, tab lube application,** and three (3) conversion presses, with a **permitted** maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. **This capacity will be increased to 470,000 ends per hour**.

(3) One (1) **existing** can end manufacturing line, identified as Module #3, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners**, tab lube application,** and three (3) conversion presses, with a **permitted** maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. **This capacity will be increased to 470,000 ends per hour**.

(4) One (1) **existing** can end manufacturing line, identified as Module #4, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners**, tab lube application,** and three (3) conversion presses, with a **permitted** maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. **This capacity will be increased to 470,000 ends per hour**.

(5) One (1) **existing** can end manufacturing line, identified as Module #5, consisting of one (1) three lane conversion press, one (1) compound liner**, tab lube application,** and one (1) six out shell press, with a **permitted** maximum capacity of 120,000 ends per hour with no controls, and exhausting to the atmosphere. **This capacity will be increased to 150,000 ends per hour**.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

(1) One (1) **existing** can end manufacturing line, identified as Module #1, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners**, tab lube application,** and three (3) conversion presses, with a **permitted** maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. **This capacity will be increased to 470,000 ends per hour**.

(2) One (1) **existing** can end manufacturing line, identified as Module #2, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners**, tab lube application,** and three (3) conversion presses, with a **permitted** maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. **This capacity will be increased to 470,000 ends per hour**.

(3) One (1) **existing** can end manufacturing line, identified as Module #3, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners**, tab lube application,** and three (3) conversion presses, with a **permitted** maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. **This capacity will be increased to 470,000 ends per hour**.

(4) One (1) **existing** can end manufacturing line, identified as Module #4, consisting of one (1) shell blanking press, four (4) HSL-8 lid liners**, tab lube application,** and three (3) conversion presses, with a **permitted** maximum capacity of 340,200 ends per hour, with no controls, and exhausting to the atmosphere. **This capacity will be increased to 470,000 ends per hour**.

The end sealing compound operation from all modules is applied by a precise bead of compound sealant in the curl of the can end.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-3]

Pursuant to 326 IAC 8-2-3(b) (Can **End** Coating Operations), the emissions from the beverage can **end** coating operations, shall not discharge volatile organic compounds in excess of the following:

Coating	326 IAC 8-2-3(b)(4) Limit (lb VOC/gal), less water
End Seal Coat	3.7

D.1.2 Volatile Organic Compounds (VOC) Limitations [326 IAC 2-3]

~~Pursuant to 326 IAC 2-3 (326 IAC 2-3 Emission Offset, CP 127-4956-00030, and Source Modification 127-11554-00030), t~~ **T**he total amount of VOC usage from **Module #1, Module #2, Module #3 and Module #4** ~~the four (4)~~ can end manufacturing lines shall be limited to 5.25 tons per month. This limited usage is equivalent to 63.0 tons of VOC per year. **Compliance with this condition and condition D.2.2 shall make 326 IAC 2-3, Emission Offset rule requirements not applicable**.

~~D.1.3 Particulate Matter (PM) [326 IAC 6-3-2(c)]~~

~~Pursuant to 326 IAC 6-3-2, the particulate matter (PM) overspray from the end seal coating~~

~~facilities shall be limited by the following:~~

~~Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:~~

~~$E = 4.10 P^{0.67}$ where E = rate of emission in pounds per hour and P = process weight rate in tons per hour~~

D.1.3 General Reduction Requirements for Volatile Organic Compound [326 IAC 8-1-6]

Pursuant to 326 IAC 8-1-6, Best Available Control Technology (BACT), the Permittee shall not allow the discharge into the atmosphere of any volatile organic compound (VOC) in excess of 5.6 lbs VOC/gal of coating, excluding water delivered to the Tab Lube applicator.

D.1.4 Particulate Matter (PM) [326 IAC 6-3-2(c)]

Pursuant to CP 127-4956-00030 issued on January 22, 1996, the can end sealing compound operation shall be considered in compliance with 326 IAC 6-3-2 provided the following conditions are met during the process operations:

(a) The particulate matter (PM) emissions are not visibly detectable at the exhaust;
(b) The PM emissions are not detectable on the rooftops; or
(c) The PM emissions are not detectable on the ground.

D.1.~~4~~ **5** Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for ~~this facility~~ **these can end manufacturing lines** ~~and any control devices~~.

Compliance Determination Requirements

D.1.~~5~~ **6** Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the VOC limit specified in Conditions C.1 and D.1.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

D.1.~~6~~ **7** Volatile Organic Compounds (VOC)

Compliance with the VOC content and usage limitations contained in Conditions D.1.1, ~~and~~ D.1.2, **and D.1.3** shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

D.1. ~~7~~**8** VOC Emissions

Compliance with Condition D.1.2 shall be demonstrated at the end of each month based on the total volatile organic compound usage in Modules #1, #2, #3, and #4 for the most recent **previous** month.

~~**Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]**~~

~~D.1.8 Particulate Matter (PM)~~

~~Pursuant to CP 127-4956-00030, issued on January 22, 1996, the overspray from the end seal coating facilities shall be considered in compliance provided that the overspray is not:~~

~~(a) visibly detectable at the exhaust;~~

~~(b) detectable on the rooftops; or~~

~~(c) detectable on the ground.~~

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.9 Record Keeping Requirements

(a) To document compliance with Conditions D.1.1, ~~and~~ D.1.2, **and D.1.3,** the Permittee shall maintain records in accordance with (1) through (~~6~~**4**) below. Records maintained for (1) through (~~6~~**4**) shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Conditions D.1.1, ~~and~~ D.1.2 **and D.1.3**.

(1) The amount and VOC content of each coating material and ~~solvent~~ **tab lube** used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;

(2) The cleanup solvent usage for each month;

(3) The total VOC usage for each month;

(4) The weight of VOCs emitted for each compliance period;

~~(5) A log of the dates of use;~~

~~(6) The volume weighted VOC and HAP content of the coatings used for each day.~~

(b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.10 no change

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

(5) One (1) **existing** can end manufacturing line, identified as Module #5, consisting of one (1) three lane conversion press, one (1) compound liner**, tab lube application,** and one (1) six out shell press, with a **permitted** maximum capacity of 120,000 ends per hour with no controls, and exhausting to the atmosphere. **This capacity will be increased to 150,000 ends per hour**.

The end sealing compound operation from this module is applied by a precise bead of compound sealant in the curl of the can end.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.2.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-3]

Pursuant to 326 IAC 8-2-3(b) (Can **End** Coating Operations), the emissions from the ~~beverage can coating operation~~ **Module #5** can end **coating** line shall not discharge volatile organic compounds in excess of the following:

Coating	326 IAC 8-2-3(b)(4) Limit (lb VOC/gal), less water
End Seal Coat	3.7

D.2.2 Volatile Organic Compounds (VOC) Limitations [326 IAC 2-3]

~~Pursuant to 326 IAC 2-3, t~~ **T**he total amount of VOC usage from the Module #5 can end manufacturing line shall be limited to ~~783.3~~ **767** pounds per month. This limited usage is equivalent to ~~4.7~~ **4.6** tons of VOC emissions per year. Compliance with this condition and condition D.1.2 shall make 326 IAC 2-3, Emission Offset rule requirements not applicable

D.2.3 General Reduction Requirements for Volatile Organic Compound [326 IAC 8-1-6]

Pursuant to 326 IAC 8-1-6, Best Available Control Technology (BACT), the Permittee shall not allow the discharge into the atmosphere of any volatile organic compound (VOC) in excess of 5.6 lbs VOC/gal of coating, excluding water delivered to the Tab Lube applicator.

D.2.4 Particulate Matter (PM) [326 IAC 6-3-2(c)]

Pursuant to CP 127-4956-00030 issued on January 22, 1996, the can end sealing compound operation shall be considered in compliance with 326 IAC 6-3-2 provided the following conditions are met during the process operations:

(a) The particulate matter (PM) emissions are not visibly detectable at the exhaust;
(b) The PM emissions are not detectable on the rooftops; or
(c) The PM emissions are not detectable on the ground.

D.2.~~4~~**5** Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility ~~and any control devices~~.

Compliance Determination Requirements

D.2.6 No change

D.2.7 Volatile Organic Compounds (VOC)

Compliance with the VOC content and usage limitations contained in Conditions D.2.1, ~~and~~ D.2.2, **and D.2.3** shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

~~**Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]**~~

~~D.2.8 Particulate Matter (PM)~~

~~Pursuant to CP 127-4956-00030, issued on January 22, 1996, the overspray from the end seal coating facilities shall be considered in compliance provided that the overspray is not:~~

~~(a) visibly detectable at the exhaust;~~

~~(b) detectable on the rooftops; or~~

~~(c) detectable on the ground~~

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.2.9 Record Keeping Requirements

(a) To document compliance with Conditions D.2.1, D.2.2, **and D.2.3** the Permittee shall maintain records in accordance with (1) through (~~6~~**4**) below. Records maintained for (1) through (~~6~~**4**) shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Conditions D.2.1, D.2.2, **and D.2.3**:

(1) The amount and VOC content of each coating material and **tab lube** used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;

(2) The cleanup solvent usage for each month;

(3) The total VOC usage for each month;

(4) The weight of VOCs emitted for each compliance period;

~~(5) A log of the dates of use;~~

~~(6) The volume weighted VOC and HAP content of the coatings used for each day.~~

(b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.2.10 No change

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: ~~American National~~ **Rexam Beverage** Can Company
Source Address: 4001 Montdale Park Drive, Valparaiso, IN 46383
Mailing Address: 8770 West Bryn Mawr Avenue, Chicago, IL 60631-3504
Part 70 Permit No.: T127-7651-00030
Facility: ~~Source~~ **Module # 1, 2, 3 and 4**
Parameter: VOC
Limit: 5.25 tons/month

YEAR: _____ Quarter _____

Month	Module 1	Module 2	Module 3	Module 4	Mod 1+ Mod 2+ Mod 3+ Mod 4
	Input VOC	Input VOC	Input VOC	Input VOC	Total
Month 1					
Month 2					
Month 3					

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: ~~American National~~ **Rexam Beverage** Can Company
Source Address: 4001 Montdale Park Drive, Valparaiso, IN 46383
Mailing Address: 8770 West Bryn Mawr Avenue, Chicago, IL 60631-3504
Part 70 Permit No.: T127-7651-00030
Facility: Module #5
Parameter: VOC
Limit: ~~783.3~~ **767.0** pounds/month

YEAR: _____Quarter _____

Month	Module #5 Input VOC
Month 1	
Month 2	
Month 3	

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Conclusion

The operation of this five (5) aluminum can end manufacturing lines shall be subject to the conditions of the attached **Significant Permit Modification 127-15629.**